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ORIGINAL

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Form 85
Sheet No. 1
(Revised July 1, 1914.)

U. S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE

APR 17 1920
MAY 19 1920

FIELD NOTES

OF

HOMESTEAD ENTRY SURVEY NO. 517

SITUATED IN THE COCONINO NATIONAL FOREST

ADMINISTRATIVE DISTRICT NO. 3

In Section 7 , --surveyed, Township 15 N, Range 10 E.

of the

GILA AND SALT RIVER BASE & Meridian.

State of

ARIZONA

Applicant for listing	Frank L. Herron,
Residence	Camp Verde, Arizona.
Application No. 556	, dated February 23 , 19 16
List No. 3-3777	, dated May 4 , 19 16

Applicant for survey	Frank L. Herron,
Residence	Camp Verde, Arizona.
H. E. No. 030821	, dated August 21 , 19 16
Land District Office	Phoenix, Arizona.

Survey executed by	A. W. Hendrix, Surveyor-Draftsman, Forest Service
	[Forest Service Title.]
Under special instructions dated	March 10 , 19 17
Survey commenced	May 16 , 19 19
Survey completed	May 20 , 19 19
Under Acts of	June 11, 1906, and October 1 , 1918.



OATH OF ASSISTANTS

We hereby certify that we assisted **A. W. Hendrix,**
Surveyor - Draftsman, Forest Service, in surveying all those
[Forest Service Title.]
parts or portions of Homestead Entry Survey No. **517**, in the State
of **ARIZONA** which are represented in the following field notes
as having been surveyed by him and under his direction; and that said
survey has been in all respects, to the best of our knowledge and
belief, well and faithfully surveyed, and the corner monuments estab-
lished, according to the instructions furnished by the United States
Surveyor General for **ARIZONA**

Note: It would have been
very expensive and incon-
venient to appear before an
officer to administer oath
to Assistant; hence, it was
taken by the Surveyor.

Donald E. Harbison

Chairman

Subscribed and sworn to before me this **20th** day of
May, 19 **19**.

A. W. Hendrix

Surveyor-Draftsman, Forest Service

OATH OF SURVEYOR

I, **A. W. Hendrix, Surveyor - Draftsman, Forest Service,**
[Forest Service Title.]
do solemnly swear that, in strict conformity with the special instruc-
tions of the United States Surveyor General for **ARIZONA**, dated
March 10, 19 **17**, and the laws of the United States, I have
well, faithfully, and truly, in my own proper person, surveyed a tract
of land embraced in

List, No. **3-3777**, dated **May 4**, 19 **16**, for
Patent, under the Act of **June 11**, 19 **06**,
the same to be known as Homestead Entry Survey No. **517**,
situated within the **COCONINO** National Forest, in
--surveyed Section **7**, Township **15 N.**, Range **10 E.**, and
surveyed Section **---**, Township **---**, Range **---**,

of the **GILA AND SALT RIVER BASE & meridian,** **ARIZONA**, and the
related retracements and resurveys and section subdivisions, which are
represented in the following field notes as having been surveyed by me;
and I further solemnly swear that all the corners of said survey have
been established and perpetuated in strict accordance with the stated
special instructions, and in the specific manner described in the field
notes, and that the following are the original field notes of such
survey.

A. W. Hendrix

Surveyor-Draftsman, Forest Service
[Forest Service Title.]

Subscribed and sworn to before me this **21st** day of
Feb, 19 **20**.

my name again
Laurel R. Holdman

Feb 11, 1923

Notary Public



COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains. Applicant for listing, Frank L. Herron; Application No. 556, dated February 23, 1916.; List No. 3-3777, dated May 4, 1916.; H. E. 030821, made in Phoenix Land Office on August 21, 1916, by Frank L. Herron.

Surveyed under special instructions from Surveyor General of Arizona, dated March 10, 1917, and designated as Homestead Entry Survey No. 517.

Situated in Sec. 7, T. 15 N., R. 10 E., (surveyed and accepted), Gila and Salt River Base and Meridian, Coconino National Forest, Arizona.

Surveyed under Acts of June 11, 1906 and October 1, 1918.

Survey commenced May 16, 1919, and executed with a Buff and Buff transit No. 10530, equipped with a Smith solar attachment.

I test the adjustments of the transit and make necessary corrections.

All distances are horizontal and were reduced from measurements made directly on the slope with a 400 link steel tape. The slope angles were determined with a clinometer.

May 16, 1919.

At the Cor. of Secs. 7, 12, 13 and 18, T. 15 N., Rs. 9 and 10 E., hereinafter described, in Latitude $34^{\circ} 41' 40''$ N., Longitude $111^{\circ} 20' 20''$ W., from Forest Service Base map. At 6h. 39.6m., p.m., l.m.t., I observe Polaris with telescope direct, reading an angle of $6^{\circ} 18' 30''$ from star to right to reference mark about one mile distant.

Greenwich m.t., U.C. Polaris, May 16, 1919, 9h.58.5m a.m.

Correction for longitude, 1.2m

Chains l.m.t. U.C. Polaris, May 16, 1919, 9h.57.3m. a.m.

l.m.t.. obsn. Pol. May 16, 1919, 6h.39.6m. p.m.

Hour Angle 8h 42.3m.

Azimuth of Polaris at observation, N. 1° 01' 36" W. x

Bearing of reference mark, N. 5° 16' 54" E. x

At the same station at 6h. 47.4m., p.m., l.m.t., I again observe Polaris with telescope reversed, reading an angle of 6° 17' from star to right to same reference mark.

l.m.t. U.C. Polaris, May 16, 1919, 9h. 57.3m. a.m.

l.m.t. obsn., Pol. May 16, 1919. 6h. 47.4m. p.m.

Hour Angle 8h. 50.1m.

Azimuth of Polaris at observation, N. 0° 59' 48" W. x

Bearing of reference mark, N. 5° 17' 12" E. x

The mean bearing of the reference mark as determined from the two observations is N. 5° 17' 03" E., I accept bearing of reference mark as N. 5° 17' E. and to the meridian thus determined all courses of the survey were referred by sustained angulation.

May 16, 1919.

May 17, 1919.

RETRACEMENT

Beginning at the cor. of Secs. 7, 12, 13 and 18, T. 15 N., Rs. 9 and 10 E., which is a post 4 ins. square and 18 ins. above ground, mkd. and witnessed as described by the Surveyor General. Old post is badly decayed. Therefore I destroy all trace of same and in its place set a malpais stone 8 x 10 x 22 ins. in mound of stone mkd. with 4 notches on S. and 2 notches on N. faces;

Thence S. 89° 54' E.

Retracing line bet. Secs. 7 and 18, W/2.

COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains

39.76

Fall 24-1/2 lks. S. $0^{\circ} 06'$ W. of 1/4 cor. bet. Secs. 7 and 18, which is a post 3 ins. dia., 24 ins. long, loosely set in mound of stone, mkd. and witnessed as described by the Surveyor General. Old post is badly decayed; therefore, I destroy all trace of same and in its place set a limestone 8 x 14 x 18 ins. mkd. 1/4 on N. face in mound of stone.

Thence S. $89^{\circ} 45'$ W.,

On true line, bet. Secs. 7 and 18, W/2.

20.43

Set temp. point for 1/16 cor., determined from the following proportion: $38.92 : 39.76 :: 20.00 : x$
= 20.43..

39.76

Cor. of Secs. 7, 12, 15 and 18, previously described.

Return to 1/4 cor. bet. secs. 7 and 18, previously described.

Thence S. $89^{\circ} 54'$ E.

Retracing line bet. secs. 7 and 18, E/2.

40.05

Fall 4 lks. S. $0^{\circ} 06'$ W. of point for cor. of Secs. 7, 8, 17 and 18, which is described by the Surveyor General as a post with mkd. stone, mkd. and notched, with pits and mound of earth and four bearing trees. The post is missing and I find no trace of pits and mound but find the four witness trees mkd. as described by the Surveyor General. From the call of the four witness trees, I restore the sec. cor. as follows:
Set a sandstone 4 x 10 x 16 ins. (no larger stone available), mkd. with four notches on S. and 5 notches on E. faces, in mound of stone.

True bearing of line S. $89^{\circ} 57'$ E., 40.05 chs.

Chains Thence North.
Retracing line bet. Secs. 7 and 8, S/2.
40.06 Fall 2 lks. E. of 1/4 cor. bet. Secs. 7 and 8, which is a post 3 ins. dia., 18 ins. long, loosely set in mound of stone, mkd. and witnessed as described by the Surveyor General. Old post is badly decayed; therefore, I destroy all trace of same and in its place set a malpais stone 8 x 10 x 18 ins. (no larger stone available), mkd. 1/4 on W. face, in mound of stones.
True bearing of line, N. 0° 02' W., 40.06 chs.

Thence North,
Retracing line bet. Secs. 7 and 8, N/2.
40.08 Fall 9 lks. E. of cor. of Secs. 5, 6, 7 and 8, which is a post 4 ins. dia., mkd. and witnessed as described by the Surveyor General, loosely set in mound of stones. Old post is badly decayed; therefore, I destroy all trace of same and in its place set a granite stone 6 x 8 x 24 ins. mkd. with 5 notches on S. and 5 notches on E. faces.
True bearing of line, N. 0° 08' W., 40.08 chs.

Thence N. 89° 50' W.
Retracing line bet. secs. 6 and 7, E/2.
40.05 Fall 18-1/2 lks. N. 0° 10' E. of 1/4 cor. bet. secs. 6 and 7, which is a malpais stone 6 x 6 x 8 ins. above ground, mkd. and witnessed as described by the Surveyor General.
True bearing of line, S. 89° 54' W., 40.05 chs.

Thence N. 89° 50' W.
Retracing line bet. Secs. 6 and 7, W/2

COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains
39.77

Fall 12-1/2 lks. S. $0^{\circ} 10'$ W. of cor. of Secs. 1, 6, 7 and 12, which is a post 3 ins. dia., mkd. and witnessed as described by the Surveyor General, loosely set in mound of stone. Old post is badly decayed; therefore, I destroy all trace of same and in its place set a malpais stone 6 x 4 x 24 ins. mkd. with 5 notches on S. and 1 notch on N. faces in mound of stone.

True bearing of line, N. $89^{\circ} 39'$ W., 39.77 chs.

May 17, 1919.

May 19, 1919.

Thence South,

Retracing line bet. Secs. 7 and 12, N/2.

40.13

Fall 1 lk. W. of 1/4 cor. bet. Secs. 7 and 12, which is a post mkd. and witnessed as described by the Surveyor General, loosely set in mound of stones. Old post is badly decayed, therefore, I destroy all trace of same and in its place set a malpais stone 8 x 16 x 20 ins. mkd. with 1/4 on W. face, in mound of stone.

True bearing of line, S. $0^{\circ} 01'$ E., 40.13 chs.

Thence South,

Retracing line bet. Secs. 7 and 12, S/2.

40.23

Fall 16 lks. W. of cor. of secs. 7, 12, 13 and 18, heretofore described.

Thence N. $0^{\circ} 14'$ W.

On true line bet. secs. 7 and 12, S/2.

20.115 Set temp. point for 1/16 cor.

40.23 The 1/4 cor. bet. secs. 7 and 12, heretofore described.

Chains

SUBDIVISION OF SEC. 7.

Beginning at 1/4 cor. bet. Secs. 6 and 7, heretofore described.

Thence S. $0^{\circ} 06' E.$

On random meridional 1/4 sec. line through center of Sec.

79.96 Intersect sec. line bet. secs. 7 and 18, at a point from which the 1/4 cor. brs. N. $89^{\circ} 45' E.$, 5 lks. dist.

Thence N. $0^{\circ} 08' W.$

On true meridional 1/4 sec. line, through center of Sec. 7.

19.99 Set temp. 1/16 point.

39.98 Set temp. point for center of Sec. 7.

79.96 The 1/4 cor. bet. Secs. 6 and 7, heretofore described.

From the 1/4 cor. bet. Secs. 7 and 12, heretofore described,

Thence S. $89^{\circ} 57' E.$

On random latitudinal 1/4 sec. line through center of Sec. 7.

39.76 Intersect meridional 1/4 sec. center line.

79.95 Intersect the sec. line bet. secs. 7 and 8, at a point from which the 1/4 cor. brs. N. $0^{\circ} 08' W.$, 7 lks. dist.

Thence West.

On true latitudinal 1/4 sec. line, through center of Sec. 7.

40.19 Intersect meridional 1/4 sec. line through center of section, N. $0^{\circ} 08' W.$, 7 lks. from temp. point previously set for center 1/4 cor.

I move temp. point to this intersection.

From this point the 1/4 cor. bet. secs. 6 and 7, heretofore described, brs. N. $0^{\circ} 08' W.$, 39.91 chs. dist.

and the 1/4 cor. bet. secs. 7 and 18, heretofore de-

COCONINO NATIONAL FOREST

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Chains	scribed, brs. S. 0° 08' E., 40.05 chs. dist. I move temp. point for 1/16 cor. on S/2 of 1/4 meridional sec. line, N. 0° 08' W., 3-1/2 lks.
60.63	Set proportional temp. point for 1/16 cor: derived from the following proportion. 38.905 : 39.765 :: 20.00 : X = 20.44
79.95	The 1/4 cor. bet. Secs. 7 and 12, heretofore described.
<hr/>	
	From temp. point for 1/16 cor. on line bet. secs. 7 and 12, S/2.
	Thence East,
	On random latitudinal 1/16 line through center of SW/4,
39.77	Intersect meridional 1/4 sec. line through center of Sec., S. 0° 08' E., 9 lks. from temp. 1/16 point.
	Thence S. 89° 52' W., on true latitudinal 1/16 line, through center of SW/4.
20.44	Set proportional temp. 1/16 point for center of SW/4, derived from following proportion: 38.91 : 39.77 :: 20.00 : X = 20.44.
39.77	The temp. 1/16 point on line bet. secs. 7 and 12, S/2.
<hr/>	
	From temp. 1/16 point on latitudinal 1/4 sec. line, through center of sec. W/2.
	Thence S. 0° 08' E.
	On random meridional 1/16 line through center of SW/4.
20.06	Intersect latitudinal 1/16 line.
40.16	Intersect line bet. secs. 7 and 18, S. 89° 45' W., 3 lks. from temp. 1/16 point.
	Thence N. 0° 11' W.
	On true meridional 1/16 line through center of SW/4.
20.10	Intersect latitudinal 1/16 line, N. 89° 52' E., 1 lk. from temp. 1/16 cor. I move temp. point to this intersection. From this point the temp. 1/16 point

Chains on the meridional 1/4 sec. line bears N. 89° 52' E.,
20.43 chs. dist. and the temp. 1/16 point on line bet.
secs. 7 and 12, S/2, brs. S, 89° 52' W., 19.34 chs.
dist.

40.16 The temp. 1/16 point on latitudinal 1/4 sec. line.

May 19, 1919.

May 20, 1919.

BOUNDARIES OF CLAIM.

Beginning at Cor. No. 1,
Identical with 1/4 cor. bet. secs. 7 and 18, heretofore
described. Also identical with cor. H-3 of the list
survey, which is a limestone 8 x 10 x 16 ins. set in
mound of stone, alongside of 1/4 cor. and mkd. and wit-
nessed as described by the Forest Service. I destroy
all trace of this list cor. I chisel a + on top of
stone set for 1/4 cor. for true point for Cor. No. 1 of
this survey, and alongside to the NW. deposit a lime-
stone 5 x 4 x 6 ins. mkd. with a + 16 ins. in the ground,
over which set a limestone 6 x 8 x 22 ins. (no larger
stone available) mkd. 1 H E S 517 on side facing claim,
and raise a mound of stone 2 ft. base, 1-1/2 ft. high,
within claim, whence from cor.:

A pine 20 ins. dia., brs. N. 3° 37' E.,

122 lks. dist.

A pine 26 ins. dia., brs. N. 44° 15' E.,

94 lks. dist.

Each blazed and scribed 1 H E S + 517 B T.
Lat. 34° 41' 40" N., Long. 111° 19' 50" W., from Forest
Service Base map.

Mag. decl. at 8 a.m., 15° 00' E. Mean mag. decl.,
14° 57' E.

Thence S. 89° 45' W.

Descend 10 ft. to cor. over rocky point along line bet.

COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains Secs. 7 and 18, W/2.

4.00 Bottom of descent, thence over level bottom land,

12.75 Willow Valley, wash, 60 lks. wide, course South

19.02 To Cor. No. 2, and closing cor. on line bet. Secs. 7 and 18,

Deposit a limestone 2 x 6 x 6 ins. mkd. with a +, 18 ins. in the ground, over which set a limestone 6 x 10 x 25 ins. chiseled a + on top, 2 H E S 517 on NE. and C C on N. faces; and raise a mound of stone 2 ft. base, 1-1/2 ft. high, N. 42° 02' E. of cor., whence:

A pine 16 ins. dia., brs. N. 33° 50' E., 404 lks. dist.

A pine 18 ins. dia., brs. N. 9° 38' W., 224 lks. dist.

Each blazed and scribed C C 2 H E S + 517 B T

Cor. H-4 of the list survey, which is a limestone 4 x 10 x 15 ins., set in mound of stone, mkd. and witnessed as described by the Forest Service, brs. North, 25 lks. dist. I destroy all trace of this list cor.

Thence N. 47° 02' E.

Over level open land.

.40 Fence, brs. E. and W., enter cultivated field.

3.00 Leave cultivated field and ascend 10 ft. to cor. over rolling rocky East slope.

5.00 Enter scattered pine timber.

20.92 To Cor. No. 3.

Identical with Cor. H-5 of the list survey, which is a limestone 10 x 10 x 8 ins. above ground, mkd. and witnessed as described by the Forest Service. I destroy all trace of this list cor. Deposit a limestone 2 x 5 x 6 ins. mkd. with a + 18' ins. in the ground, over which set a limestone 6 x 10 x 25 ins. chiseled

Chains a + on top and 3 H E S 517 on side facing claim, and raise a mound of stone 2 ft. base, 1-1/2 ft. high, East of cor., whence:

Aspine 18 ins. dia., brs. N. 59° E., 70 lks. dist.

Aspine 24 ins. dia., brs. N. 6° E., 08 lks. dist.

Each blazed and scribed 3 H E S + 517 B T

Thence West,
Ascend 20 ft. to cor. over rocky SE. slope, through timber.

16.82 To Cor. No. 4.
On meridional 1/16 sec. line, through center SW/4
Deposit a limestone 2 x 4 x 5 ins. mkd. with a + 20 ins. in the ground, over which set a limestone 8 x 14 x 26 ins. chiseled + for the point and 4 H E S 517 on side facing claim; raise a mound of stone 2 ft. base, 1-1/2 ft. high, NE. of cor., whence:

Aspine 24 ins. dia., brs. N. 80° 40' E., 68 lks. dist.

Aspine 15 ins. dia., brs. N. 15° 30' E., 83 lks. dist.

Each blazed and scribed 4 H E S + 517 B T

Cor. H-6 of the list survey, a limestone 4 x 8 x 6 ins. above ground, mkd. and witnessed as described by the Forest Service, brs. N. 60° 00' E., 50 lks. dist. I destroy all trace of this list corner.

Thence N. 0° 11' W.

Along meridional 1/16 sec. line, through center SW/4.

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STATE OF ARIZONA

Chains	Descend 30 ft. to cor. over rocky NW. slope, through timber.
3.00	Begin steep descent.
4.65	Fence, bears NE. and SW.
4.80	Bottom of steep descent, thence over level land, Leave timber.
5.10	Willow valley wash, 30 lks. wide, course S. 60° 00' E.
5.81	Temp. point for 1/16 sec. cor., center SW/4.
7.87	To Cor. No. 5, On meridional 1/16 sec. line, through center SW/4. Deposit a malpais stone 3 x 5 x 5 ins. mkd. with a +, 18 ins. in the ground, over which set a malpais stone 10 x 10 x 24 ins. chiseled + for the point and 5 H E S 517 on side facing claim; raise a mound of stone 2 ft. base, 1-1/2 ft. high, SE. of cor., whence: A pine 30 ins. dia., brs. N. 5° 00' W., 229 lks. dist. A pine 24 ins. dia., brs. S. 34° 05' W., 226 lks. dist. Each blazed and scribed 5 H E S + B T Cor. H-1 of the list survey, a limestone 6 x 9 x 15 ins. set in a mound of stone, mkd. and witnessed as described by the Forest Service, brs. East, 50 lks. dist. I destroy all trace of this list cor.
	Thence S. 87° 48' E. Over level open land.
3.00	Fence, brs. NE. and SW. Fence cor. brs. NE., 20 lks. from which fences bear SW. and East. Thence along foot of rolling South slope, in edge of timber. Ascend 10 ft. to cor. Fence parallels line outside claim.
30.15	Fence, brs. N. 25° E. and S. 25° W. Cor. of fence brs.

Chains N. 25° E., 100 lks. dist.
 30.19 To Cor. No. 6,
 Identical with Cor. H-2 of the list survey, which is a post 4 x 4 x 36 ins. set in a mound of stone, mkd. and witnessed as described by the Forest Service. I destroy all trace of this list cor.
 Deposit a malpais stone 3 x 4 x 7 ins. mkd. with a +, 16 ins. in the ground, over which set a granite stone 10 x 14 x 22 ins. (no longer stone available), chiseled + for the point and 6 H.E S 517 on side facing claim;
 raise a mound of stone 2 ft. base, 1-1/2 ft. high, SW. of cor., whence:
 A pine 10 ins. dia., brs. N. 3° 15' E.,
 99 lks. dist.
 A pine 30 ins. dia., brs. N. 37° 15' E.,
 115 lks. dist.
 Each blazed and scribed 6 H.E S + 517 B T

Thence S. 24° 45' W.

Descend 5 ft. over open S. slope along E. side of fence,
 1.20 Wash, 10 lks. wide, course West, bottom of descent, thence
 over level land.

20.00 Leave level land, ascend 5 ft. to cor. over rocky point

23.00 To Cor. No. 1 and place of beginning.

AREA

Area - - - - - 41.72 Acres.

IMPROVEMENTS

The improvements made on this claim and belonging to the claimant herein, consist of the following:

A well constructed log house 14 x 30 ft., the
 long sides extending E. and W., the NW.

COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains

cor. of which bears S. 42° 50' E., 10.40

chs. dist. from Cor. No. 5.

Value - - - - - \$ 600.00

A dug well, 20 ft. deep, and 6 ft. dia., the center of which bears S. 64° E., 10.00 chs. dist. from cor. No. 5.

Value - - - - - \$ 100.00

Approximately 1 mile of wire fence, partly outside of claim.

Value - - - - - \$ 250.00

DESCRIPTION

This claim is located in an open flat surrounded by low timbered hills. The soil is a rich loam and very fertile. Good crops of small grain, hay and potatoes are produced.

There is no permanent water for irrigation on claim though water flows for a portion of the year in the wash which traverses claim. The rainfall is depended upon to raise the crops.

Approximately 15 acres were in cultivation at the time of survey.

Water for domestic purposes is obtained from well on claim.

There is a good stand of yellow pine on a small strip of rocky ground, included in the claim, approximately 3 acres.

I saw no indication of mineral on the claim.

HOMESTEAD ENTRY SURVEY NO. 517

COCONINO NATIONAL FOREST

STATE OF ARIZONA

Chains

CONFLICTS AND ADJOINING CLAIMS

There are no conflicts.

The survey is joined on the West by legal subdivional portion of the claimant's entry No. 025823, embracing Lot. 3 of Sec. 7, and on the South by F. C. No. 359, issued to J. A. Dines, embracing the E/2 NW/4; E/2 SW/4, Section 18. Camp Verde, Arizona, the nearest postoffice and trading point is about 40 miles in a southwesterly direction.

TRAVERSES

Course	Dist.	N.	S.	E.	W.
S. 89° 45' W.	19.02		.08		19.02
N. 47° 02' E.	20.92	14.26		15.31	
West	16.82				16.82
N. 0° 11' W.	7.87	7.87			.02
S. 87° 48' E.	30.19		1.16	30.17	
S. 24° 45' W.	23.00		20.89		9.63
	117.82	22.13	22.13	45.48	45.49
		22.13			45.48
Error in Lat. and Dep.		.00			.01

Closing Error, 1:11782,

Survey completed May 20, 1919.

W. L. Lugo

Surveyor-Draftsman, Forest Service,

- DIRECTIONS.—1. Carry out calculations to two decimals only.
 2. In balancing Latitudes and Departures do not obliterate or change the original figures.
 Put the corrected figure or figures above in red ink. Do not change the footing of the original figures, but put below them the corrected footing in red ink.
 The corrections for balancing fallings should be proportional to the lengths of the lines.
 3. In calculations of fallings take result to nearest link. In calculations of N. and S. areas drop all after second decimal. Surveyors are required to use the Standard Field Tables issued by the G. L. O.
 4. Only three copies of this tabulation are necessary, for the District Office, the Surveyor General, and the Commissioner.

8-2340 **TABLING AND CALCULATIONS OF HOMESTEAD ENTRY SURVEY NO. 517, STATE OF ARIZONA**

CORNERS.	BEARING.	DISTANCE.	LATITUDES.		DEPARTURES.		DOUBLE M. D.		N. AREAS.		S. AREAS.	
			NORTH.	SOUTH.	EAST.	WEST.						
1 - 2	S. 89-45 W.	19.02		08		19 02	22 08				1 77	
2 - 3	N. 47-02 E.	20.92	14 26		15 31		18 37	261 96				
3 - 4	West	16.82				16 82	16 86					
4 - 5	N. 0-11 W.	7.87	7 87			02	02		16			
5 - 6	S. 87-48 E.	30.19		1 16	30 18	30 17	30 18				35 01	
6 - 1	S. 24-45 W.	23.00		20 89		9 63	50 73				1059 75	
		117.82	22 13	22 13	45 48	45 49		262 12			1096 53	
			22 13	22 13	45 48	45 48					262 12	
	Error in Lat. and Dep.			00		01					20/ 834 41	
	Closing Error, 1:11782										41 72	Acres.

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APPROVAL


Office of the United States Surveyor General,

Phoenix, Arizona, May 26, 1910

The foregoing field notes of Homestead Entry Survey No.

517

executed by A. H. Hendrix, Surveyor-Draftsman
[Forest Service Title.]
under his special instructions, dated March 10, 1917, having
been critically examined, and the necessary corrections and explanations
made, the said field notes, and the surveys they describe, are hereby
approved.


U. S. Surveyor General.

I certify that the foregoing transcript of the field notes of the
above-described survey in the State of Arizona, has been
correctly copied from the original notes on file in this office.

FRANK P. TROTT
U. S. Surveyor General.